As a below named inventor, I hereby declare that:

the specification of which (check one)

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INDEXING WITH TRANSLATION MODEL FOR FEATURE REGULARIZATION

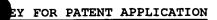
was file	ched hereto.	as International Busin	ness Machines Docket No. YO999-599
	rnational Application		
and was amend		(if applicable)	
specificat	ion, including t	he claims, as amended by	the contents of the above identified any amendment referred to above.
			of Federal Regulations, Section 1.56.
or §365(b) of any PCT United Sta	of any foreign 'International a tes, listed belo plication for pa	application(s) for paten pplication which designa w and have also identifi tent or inventor's certi	tle 35, United States Code, §119(a)-(d) at or inventor's certificate, or §365(a) ated at least one country other than the ed below, by checking the box, any ficate, or PCT International the application on which priority is
	n Application(s)		Priority Claimed
U			Yes No
(Numbe:	r) (Country)	(Day/Month/Year Filed)	
(Numbe:	r) (Country)	(Day/Month/Year Filed)	Yes No
(Numbe	r) (Country)	(Day/Month/Year Filed)	Yes No
(Numbe.	z) (Councily)	(bay/Month/lear Filed)	
I hereby cla	im the benefit under	35 U.S.C. §119(e) of any Unite	ed States provisional application(s) listed below
(Application	Number)	(Filing Date)	_
(Application	Number)	(Filing Date)	_



I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
statements made on informa statements were made with are punishable by fine or United States Code and tha application or any patent	tion and belief are beli the knowledge that willf imprisonment, or both, u t willful false statement issued thereon.	of my own knowledge are true and that all leved to be true; and further that these ful false statements and the like so made and the section 1001 of Title 18 of the late may jeopardize the validity of the appoint the following attorney(s) and/or
Lagent(s) to prosecute this		ct all business in the Patent and nd registration number).
Reg. 26,914), Edward A. P. Redmond, Jr. (Reg. 18,753) Rei31,596), Wayne L. Ellenbog	Pennington (Reg. 32,588), , Paul J. Otterstedt (Regen (Reg. No. 43,602), Stouis J. Percello (Reg. 3233), David M. Shofi (Reg. 3233), David M. Shofi (Reg. 3236), David M.	
	, - <u></u>	
Martin Franz		
Full name of sole or first	inventor	
Inventor's Signature		Date
2604 Dunning Drive, Yorkto	wn Heights, NY 10598	
Residence		
Czech Republic		
Citizenship		
Same as above	<u> </u>	
Post Office Address		

DELARATION AND POWER OF ATT





Jeffrey Scott McCarley	
Full name of second joint-inventor, if any	
•	
Inventor's Signature	Date
208 Harris Road, Apt. KA2, Bedford Hills, NY 10507	
Residence	
USA	
Citizenship	
Same as above	
Post Office Address	

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